CLAIMS

What is claimed is:

1. A method for providing network access to a web server in a peripheral device, comprising the steps of:

identifying a request from a client received by a host via a network to be forwarded to the web server located on the peripheral device locally coupled to the host;

forwarding the request to the web server on the peripheral device; and

transmitting a response received from the web server to the client.

2. The method of claim 1, wherein the step of identifying a request received by the host to be forwarded to the web server further comprises the step of identifying a virtual socket identifier in the request that is associated with the web server.

3. The method of claim 1, wherein the step of forwarding the request to the web server on the peripheral device further comprises the steps of:

opening a connection to the peripheral device on a channel dedicated to the web server; and

transmitting the request to the web server via the channel.

4. The method of claim 3, wherein the step of transmitting the request to the web server via the channel further comprises the step of attaching a channel identifier with the request that is associated with the channel.

5. The method of claim 3, wherein the step of transmitting a response received from the web server to the client further comprises the steps of:

waiting for the response from the peripheral device; and

closing the connection to the peripheral device.

6. A system in a host for providing network access to a web server in a peripheral device, comprising:

a processor coupled to a local interface;

a memory coupled to the local interface; and

listener logic stored on the memory and executable by the processor, the listener logic comprising:

logic to identify a request from a client received by the host via a network to be forwarded to the web server located on the peripheral device locally coupled to the host;

logic to forward the request to the web server on the peripheral device; and

logic to transmit a response received from the web server to the client.

7. The system of claim 6, wherein the logic to identify a request received by the host to be forwarded to the web server further comprises logic to identify a virtual socket identifier in the request that is associated with the web server.

8. The system of claim 6, wherein the logic to forward the request to the web server on the peripheral device further comprises the steps of:

logic to open a connection to the peripheral device on a channel dedicated to the web server; and

logic to transmit the request to the web server via the channel.

9. The system of claim 8, wherein the logic to transmit the request to the web server via the channel further comprises logic to attach a channel identifier with the request that is associated with the channel.

10. The system of claim 8, wherein the logic to transmit a response received from the web server to the client further comprises:

logic to wait for the response from the peripheral device; and

logic to close the connection to the peripheral device.

11. A system for providing network access to a web server in a peripheral device, comprising:

means for identifying a request from a client received by a host via a network to be forwarded to the web server located on the peripheral device locally coupled to the host;

means for forwarding the request to the web server on the peripheral device; and

means for transmitting a response received from the web server to the client.

12. The system of claim 11, wherein the means for identifying a request received by the host to be forwarded to the web server further comprises means for identifying a virtual socket identifier in the request that is associated with the web server.

13. The system of claim 11, wherein the means for forwarding the request to the web server on the peripheral device further comprises:

means for opening a connection to the peripheral device on a channel dedicated to the web server; and

means for transmitting the request to the web server via the channel.

14. The system of claim 13, wherein the means for transmitting the request to the web server via the channel further comprises means for attaching a channel identifier with the request that is associated with the channel.

15. A method in a peripheral device to provide access to a web server in the peripheral device from a network through a host, comprising:

directing a request to the web server, the request being received from a client on the network through the host; and

transmitting a response to the host to be directed from the host to the client via the network.

16. The method of claim 15, wherein the step of directing a request to the web server, the request being received from a client on the network through the host further comprises the steps of:

establishing a channel between the host and the peripheral device that is dedicated to the web server on the peripheral device; and

directing the request received from the host via the channel to the web server.

17. A system in a peripheral device to provide access to a web server in the peripheral device from a network through a host, comprising:

a processor coupled to a local interface;

a memory coupled to the local interface; and

peripheral listener logic stored on the memory and executable by the processor, the peripheral listener logic comprising:

logic to direct a request to the web server, the request being received from a client on the network through the host; and

logic to transmit a response to the host to be directed to the client via the network.

18. The system of claim 17, wherein the logic to direct a request to the web server, the request being received from a client on the network through the host further comprises:

logic to establish a channel between the host and the peripheral device that is dedicated to the web server on the peripheral device; and

logic to direct the request received from the host via the channel to the web server.